CLAIMS:

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1. A silicone adhesive comprising (A) a reaction mixture and (B) a crosslinking agent,

said reaction mixture (A) being obtained by subjecting a partially condensed mixture of (i) a diorganopolysiloxane having a hydroxyl radical at an end of its molecular chain, represented by the general formula (1):

$$HO \xrightarrow{\begin{pmatrix} R^1 \\ Si-O \\ R^2 \end{pmatrix}_m} H \tag{1}$$

wherein R¹ and R² each are a substituted or unsubstituted monovalent hydrocarbon radical, and m is an integer of 500 to 10,000, and (ii) an organopolysiloxane copolymer having hydroxyl and alkenyl radicals in a molecule and comprising R³_3SiO_{1/2} units and SiO_2 units as main units in a molar ratio of R³_3SiO_{1/2} units to SiO_2 units between 0.5 and 1.5, wherein R³ is a hydroxyl radical or a substituted or unsubstituted monovalent hydrocarbon radical, and (iii) a compound of the general formula (2):

$$HR_{a}^{4}Si(OR^{5})_{3-a}$$
 (2)

wherein R⁴ and R⁵ each are a substituted or unsubstituted monovalent hydrocarbon radical, and "a" is an integer of 0 to 2, to addition reaction in the presence of a platinum base catalyst.

- 2. The silicone adhesive of claim 1 wherein the crosslinking agent (B) is an organic peroxide.
- 30 3. The silicone adhesive of claim 1 wherein the crosslinking agent (B) comprises (a) an organohydrogenpolysiloxane having at least two silicon atom-bonded hydrogen atoms in a molecule, in an amount to give 0.2 to 30 mol of silicon atom-bonded hydrogen atoms per

mol of alkenyl radicals in component (A), and (b) a catalytic amount of a platinum base catalyst.

- 4. A silicone adhesive film prepared by forming the adhesive of claim 1 into a film shape.
 - 5. A silicone rubber adhesive film prepared by forming the adhesive of claim 1 into a film shape, followed by crosslinking and curing.

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